



Using Graphics to Convey Complex Survey Topics

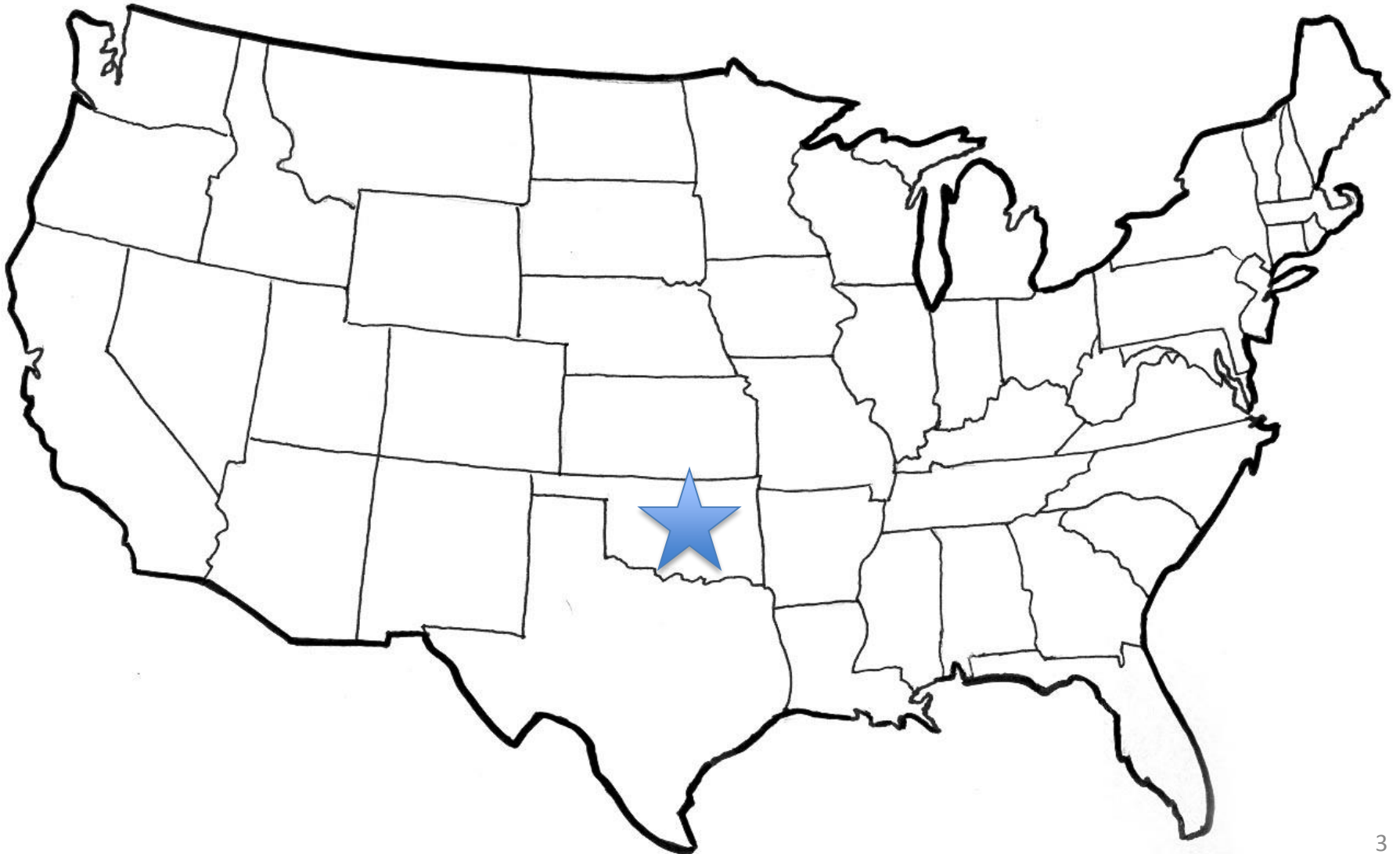
Heidi St.Onge, U.S. Census Bureau
Rebecca L. Morrison, NCSES

Federal Committee on Statistical Methodology
Research Conference
December 1, 2015

Disclaimer

This presentation is intended to report exploratory research and analysis undertaken by the National Center for Science and Engineering Statistics (NCSES) and the U.S. Census Bureau. Any opinions, findings, conclusions, or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation or the U.S. Census Bureau. This presentation has been released to inform interested parties of ongoing research or activities and to encourage further discussion of the topic.

January 2015, Oklahoma City (OKC)



Selected Questions Tested in OKC

Question 7

Expenditures for Intramural R&D Performance

The next few questions ask about intramural R&D performance, which we define as R&D performed within your agency. For example:

- R&D performed by your agency's employees
- Services performed by others in support of an internal R&D project (e.g., lab testing)
- Administration/management for extramural R&D projects

Expenditures for intramural R&D performance **include**, but may not be limited to:

- Salaries, wages, and benefits
- Supplies
- Purchased services (e.g., lab testing)
- Travel
- Indirect or overhead costs for R&D activities
- Intramural R&D performed by your agency supported by federal funds

Expenditures for intramural R&D performance **exclude**:

- Agency and other fiduciary fund expenditures
- Intra-agency transactions
- Non-cash payments
- Construction and acquisition of facilities used for R&D ([Question 16](#))

7. Of the total R&D expenditures reported in Question 3, [amounts], how much was for intramural R&D? If no R&D, please report \$0.⁶

	FY 2014	FY 2015
\$	\$ <input type="text"/>	\$ <input type="text"/>

Question 9

Intramural R&D Funding Sources

9a. **Of the total expenditures for intramural R&D performance reported in Question 7, [amounts], how much was from internal state funds?**

For example:

- State appropriations
- Tobacco settlement funds
- Lottery proceeds
- Other state government awards, grants, or contracts

	FY 2014	FY 2015
\$	\$ <input type="text"/>	\$ <input type="text"/>

9b. **Of the total expenditures for intramural R&D performance reported in Question 7, [amounts], how much was from Federal Funds?**

For example:

- Grants
- Contracts
- Awards
- Appropriations from the United States Government

	FY 2014	FY 2015
\$	\$ <input type="text"/>	\$ <input type="text"/>

9c. **Of the total expenditures for intramural R&D performance reported in Question 7, [amounts], how much was from Other Sources?**

For example:

- Companies
- Non-profit organizations
- Other state governments
- County, municipal, regional, or other local governments

	FY 2014	FY 2015
\$	\$ <input type="text"/>	\$ <input type="text"/>

If other, please specify:

Total^a (sum 9a through 9c)

Question 11 Expenditures for Extramural R&D Performance

The next few questions ask about expenditures for extramural R&D performance, which we define as expenditures on R&D performed outside of your agency, but under your administrative oversight or control.

Examples of entities that perform extramural R&D are:

- Public and private universities and colleges
- Companies or individuals under contract for research projects or that received grants for research projects
- Nonprofit organizations
- Other agencies within your state
- Other state governments
- County, municipal, regional, or other local governments
- The federal government

Expenditures for extramural R&D performance **include**, but are not limited to:

- Grants
- Payments for contracted R&D projects
- Reimbursable costs for R&D projects

Expenditures for extramural R&D performance **exclude**:

- Pass-through grants over which you have no administrative oversight or control
- Direct appropriations to state universities that are used for R&D activities over which you have no oversight or control (this information is reported by universities on NSF's Survey of Higher Education R&D)
- Expenditures for construction and acquisition of facilities used primarily for R&D ([Question 16](#))

11. Of the total R&D expenditures reported in Question 3, [amounts], how much was for extramural R&D? If no R&D, please report \$0.¹⁰

	FY 2014	FY 2015
	\$ <input type="text"/>	\$ <input type="text"/>

Question 12 Extramural R&D by Performer - Type

12a. **Of the total expenditures for extramural R&D performance reported in Question 11, [amounts], how much was to Colleges and Universities?**

	FY 2014	FY 2015
	\$ <input type="text"/>	\$ <input type="text"/>

12b. **Of the total expenditures for extramural R&D performance reported in Question 11, [amounts], how much was to Companies and Individuals?**

	\$ <input type="text"/>	\$ <input type="text"/>
--	-------------------------	-------------------------

12c. **Of the total expenditures for extramural R&D performance reported in Question 11, [amounts], how much was to Other entities?**

For example:

- Local governments
- Non-profit organizations

	\$ <input type="text"/>	\$ <input type="text"/>
--	-------------------------	-------------------------

If other, please specify:

Total¹¹ (sum of 12a through 12c) \$ \$

Question 14 Extramural R&D Funding Sources

14a. **Of the total expenditures for extramural R&D performance reported in Question 11, [amounts], how much was from federal funds?**

	FY 2014	FY 2015
	\$ <input type="text"/>	\$ <input type="text"/>

14b. **Of the total expenditures for extramural R&D performance reported in Question 11, [amounts], how much was from non-federal sources?**

	\$ <input type="text"/>	\$ <input type="text"/>
--	-------------------------	-------------------------

Total¹³ (sum of 14a and 14b) \$ \$



**RUM, SHE
IS A FIERCE
AND FICKLE
MISTRESS**



VEUX CARRE
Rye Whiskey, Cognac

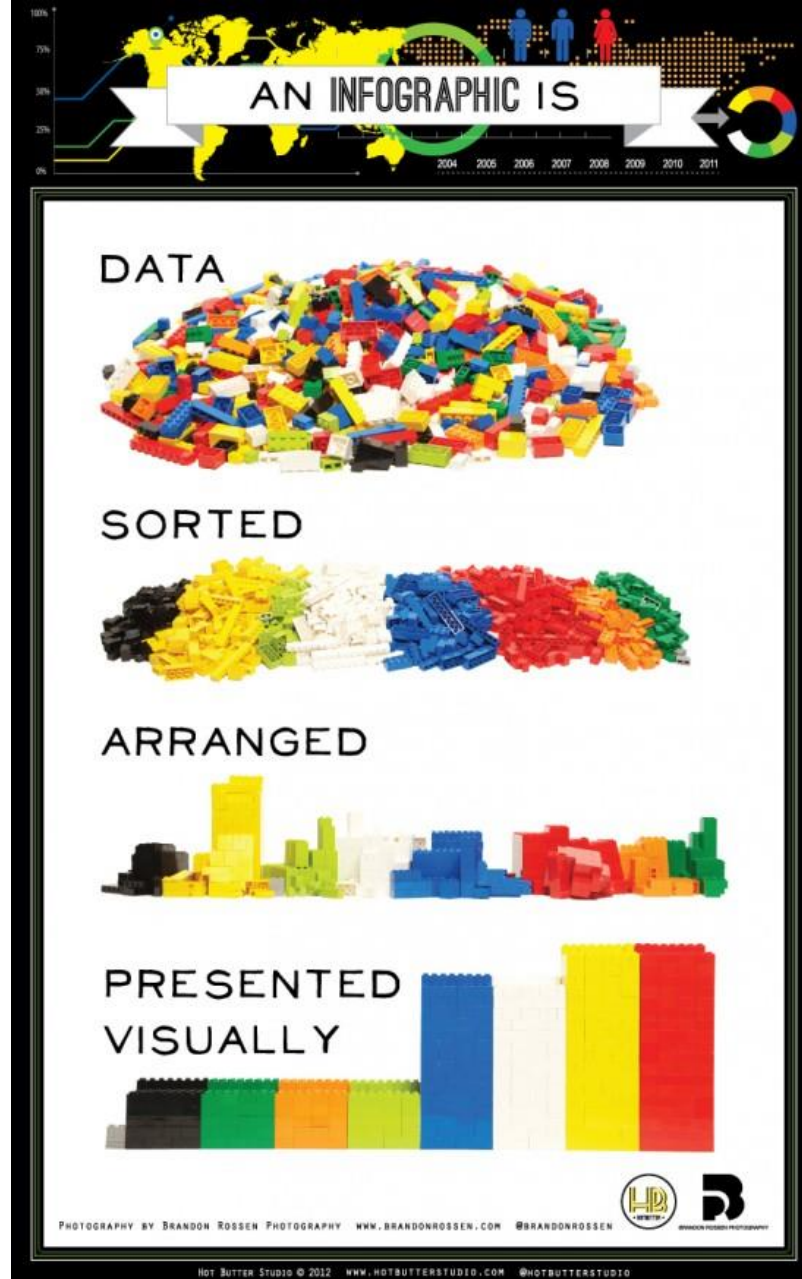
SAZERAC
Rye Whiskey, Abs
Lemon Peel

RUSTY NAIL
Drambuie, Dew

COLLINS
Gin, Lemon J

LAST WORD
Tanqueray

JACK RO
Apple Ja
Peycha



Sample Infographics

- [Census 1940-2010](#)
- US Dept of Agriculture: [“The Cost of Raising a Child”](#)